Title (en)

    Patient support surface index control

Title (de)

    Indexsteuerung für Patienthilfsfläche

Title (fr)

    Contrôle d'index de surface pour support de patient

Publication

    EP 2298264 B1 20150401 (EN)

Application

    EP 10176760 A 20100915

Priority

    US 24362209 P 20090918

Abstract (en)

    [origin: EP2298264A2] A control system of a patient support surface calculates a surface performance index as a function of pressure and shear. The control system also receives information from an electronic medical record (EMR) corresponding to a person's susceptibility of developing at least one of a pressure ulcer and a superficial lesion and adjusts at least one of a component and a characteristic of the person support surface based on the information.

IPC 8 full level

    A61G 7/057 (2006.01); A61B 5/00 (2006.01); A61B 5/01 (2006.01); A61B 5/103 (2006.01); A47C 27/08 (2006.01)

CPC (source: EP US)

    A61B 5/002 (2013.01 - EP); A61B 5/01 (2013.01 - EP); A61B 5/1036 (2013.01 - EP); A61B 5/447 (2013.01 - EP); A61B 5/6891 (2013.01 - EP); A61B 5/6892 (2013.01 - EP); A61G 7/05 (2013.01 - US); A61G 7/0525 (2013.01 - US); A61G 7/05769 (2013.01 - US); A61G 7/05776 (2013.01 - EP US); A61G 7/05784 (2016.10 - EP US); A61G 7/05792 (2016.10 - EP US); A61B 2560/0242 (2013.01 - EP); A61B 2562/0247 (2013.01 - EP); A61B 2562/029 (2013.01 - EP); A61G 2203/32 (2013.01 - EP); A61G 2203/34 (2013.01 - EP); A61G 2203/46 (2013.01 - EP)

Citation (examination)

    EP 2246024 A2 20101103 - HILL ROM SERVICES INC [US]

Cited by

    CN107468463A; CN104487041A; AU2013212027B2; EP3888543A1; CN113456059A; WO2013066247A1; WO2013112828A1; US11058603B2; US11684529B2; EP2520200A1; EP2772238A3; AU2012331625B2; EP3649898A1; US8856993B2; US9526348B2; WO2022162389A1; TWI507185B; EP2667313B1

Designated contracting state (EPC)

    AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

    EP 2298264 A2 20110323; **EP 2298264 A3 20121003**; **EP 2298264 B1 20150401**; EP 2901994 A1 20150805; EP 2901994 B1 20160914; JP 2011067626 A 20110407; JP 2015120027 A 20150702; JP 5710191 B2 20150430; JP 6007268 B2 20161012; US 2011068939 A1 20110324; US 2014007346 A1 20140109; US 8531307 B2 20130910; US 9030331 B2 20150512

DOCDB simple family (application)

    EP 10176760 A 20100915; EP 15161193 A 20100915; JP 2010209465 A 20100917; JP 2015041036 A 20150303; US 201314019002 A 20130905; US 88124910 A 20100914